

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul29rc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	STN Patent Forums to be held in June 2005
NEWS	20	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	21	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	22	JUN 13	FRFULL enhanced with patent drawing images
NEWS	23	JUN 20	MEDICONF to be removed from STN
NEWS	24	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	25	JUL 01	MEDICONF removed from STN
NEWS	26	JUL 07	STN Patent Forums to be held in July 2005
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 10:04:37 ON 11 JUL 2005

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:04:46 ON 11 JUL 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2005 HIGHEST RN 854370-36-8

DICTIONARY FILE UPDATES: 10 JUL 2005 HIGHEST RN 854370-36-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s procyanidin(w)B2

59 PROCYANIDIN

6124 B2

L1 4 PROCYANIDIN(W)B2

=> d 1-4 fbib abs fhit

'FBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'ABS' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

'FHIT' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

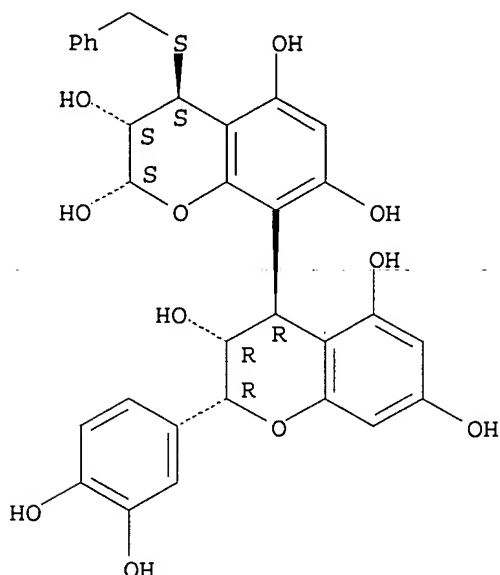
For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):
ENTER DISPLAY FORMAT (IDE):ide

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
RN 121748-10-5 REGISTRY
ED Entered STN: 21 Jul 1989
CN [4,8'-Bi-2H-1-benzopyran]-2',3,3',5,5',7,7'-heptol, 2-(3,4-dihydroxyphenyl)-3,3',4,4'-tetrahydro-4'-[(phenylmethyl)thio]-, [2R-[2 α ,3 α ,4 β (2'S*,3'S*,4'S*)]]- (9CI) (CA INDEX NAME)
OTHER NAMES:

CN **Procyanidin B2 4'' β -benzylthio ether**
 FS STEREOSEARCH
 MF C31 H28 O11 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 79907-44-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Benzoic acid, 3,4,5-trihydroxy-, (2R,2'R,3R,3'R,4R)-2,2'-bis(3,4-dihydroxyphenyl)-3,3',4,4'-tetrahydro-5,5',7,7'-tetrahydroxy[4,8'-bi-2H-1-benzopyran]-3,3'-diyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzoic acid, 3,4,5-trihydroxy-, 2,2'-bis(3,4-dihydroxyphenyl)-3,3',4,4'-tetrahydro-5,5',7,7'-tetrahydroxy[4,8'-bi-2H-1-benzopyran]-3,3'-diyl ester, [2R-[2 α ,3 α ,4 β (2'R*,3'R*)]]-

OTHER NAMES:

CN (2R,3R)-3-O-Galloylepicatechin-4 β ,8-[(2R,3R)-3-O-galloylepicatechin]

CN Proanthocyanidin B2 3,3'-O-gallate

CN **Procyanidin B2 3,3'-di-O-gallate**

FS STEREOSEARCH

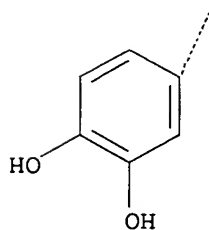
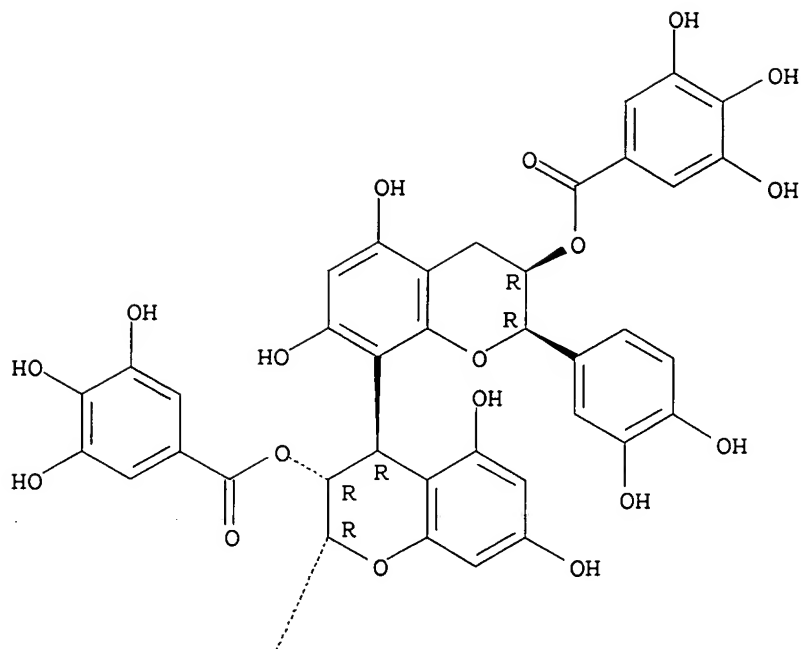
DR 168831-82-1, 197705-92-3

MF C44 H34 O20

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



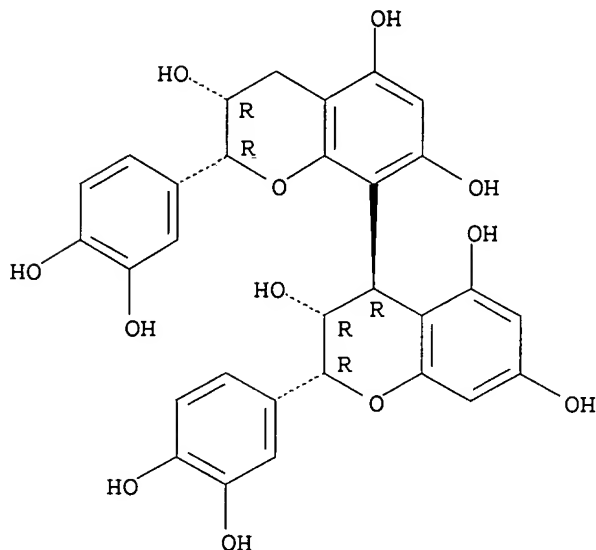
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

70 REFERENCES IN FILE CA (1907 TO DATE)
70 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
RN 29106-49-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN [4,8'-Bi-2H-1-benzopyran]-3,3',5,5',7,7'-hexol, 2,2'-bis(3,4-dihydroxyphenyl)-3,3',4,4'-tetrahydro-, (2R,2'R,3R,3'R,4R) - (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN [4,8''-Biflavan]-3,3',3'',3''',4',4''',5,5'',7,7''-decol, stereoisomer (8CI)
CN [4,8'-Bi-2H-1-benzopyran]-3,3',5,5',7,7'-hexol, 2,2'-bis(3,4-dihydroxyphenyl)-3,3',4,4'-tetrahydro-, [2R-[2 α ,3 α ,4 β (2'R*,3'R*)]] -
OTHER NAMES:
CN **(+)-Procyanidin B2**
CN **(-)-Epicatechin-(4 β -8)-(-)-epicatechin**
CN **Proanthocyanidin B2**
CN **Procyanidin B2**

CN Procyanidol B2
 FS STEREOSEARCH
 DR 75923-52-3
 MF C30 H26 O12
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CAPLUS, CASREACT, CHEMCATS, CSCHM, DDFU, DRUGU, IPA, MEDLINE,
 SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.

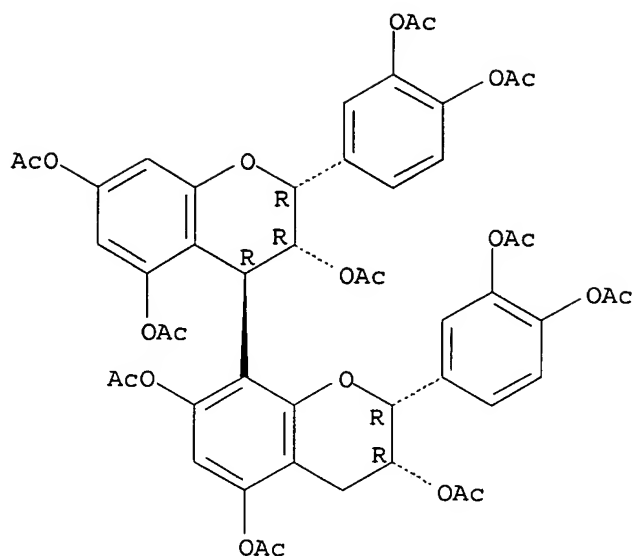


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

596 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 598 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 21179-21-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN [4,8'-Bi-2H-1-benzopyran]-3,3',5,5',7,7'-hexol, 2,2'-bis[3,4-bis(acetyloxy)phenyl]-3,3',4,4'-tetrahydro-, hexaacetate, (2R,2'R,3R,3'R,4R) - (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN [4,8'-Bi-2H-1-benzopyran]-3,3',5,5',7,7'-hexol, 2,2'-bis[3,4-bis(acetyloxy)phenyl]-3,3',4,4'-tetrahydro-, hexaacetate, [2R-[2 α ,3 α ,4 β (2'R*,3'R*)]] -
 OTHER NAMES:
 CN **(+)-Procyanidin B2 decaacetate**
 CN **Procyanidin B2 decaacetate**
 CN **Procyanidin B2 peracetate**
 FS STEREOSEARCH
 DR 17941-28-5, 108802-74-0
 MF C50 H46 O22
 LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

22 REFERENCES IN FILE CA (1907 TO DATE)
22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
17.85	18.06

FILE 'CAPLUS' ENTERED AT 10:06:18 ON 11 JUL 2005
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FILE COVERS 1907 - 11 Jul 2005 VOL 143 ISS 3
FILE LAST UPDATED: 10 Jul 2005 (20050710/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s procyanidin(w)B2
1420 PROCYANIDIN
61934 B2

L2 387 PROCYANIDIN(W)B2

=> s l2 and alzheimer's
MISMATCHED QUOTE 'ALZHEIMER'S'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

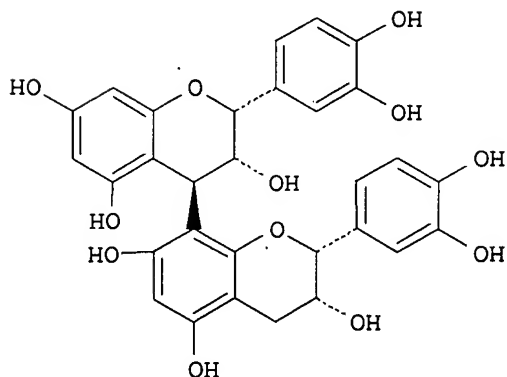
=> s l2 and alzheimer
35245 ALZHEIMER
L3 3 L2 AND ALZHEIMER

=> d 1-3 fbib abs fhitr

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:333711 CAPLUS
DN 140:339116
TI Isolation, purification and synthesis of **procyanidin B2**
for the treatment of amyloid and alpha-synuclein diseases
IN Castillo, Gerardo M.; Nguyen, Beth P.; Choi, Paula Y.; Larsen, Lesley;
Lorimer, Stephen D.; Snow, Alan D.
PA Proteotech, Inc., USA
SO PCT Int. Appl., 108 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033448	A2	20040422	WO 2003-US32072	20031010
	WO 2004033448	A3	20040603		
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-418093P	P 20021011
				US 2002-423089P	P 20021101
	US 2004260076	A1	20041223	US 2003-684178	20031010
				US 2002-418093P	P 20021011
				US 2002-423089P	P 20021101

OS CASREACT 140:339116
GI



AB Methods for the synthesis, isolation, and purification of **procyanidin B2** (I) are disclosed. The synthetic methods utilize epicatechin as a starting material and produce **procyanidin B2** in high yields. The isolation methods extract **procyanidin B2** from a sample of bark powder from plant matter of the genus *Uncaria*. The isolated and/or synthesized **procyanidin B2** is used to treat amyloid disease, such as **Alzheimer's** disease and Parkinson's disease. Pharmaceutical compns. containing the synthesized and/or isolated **procyanidin B2** are also disclosed.

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:58803 CAPLUS
 DN 138:117664
 TI Proanthocyanidins for the treatment of amyloid and alpha-synuclein diseases
 IN Snow, Alan D.; Castillo, Gerardo M.; Choi, Paula Y.; Nguyen, Beth P.
 PA USA
 SO U.S. Pat. Appl. Publ., 87 pp., Cont.-in-part of U.S. Ser. No. 938,987.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 6

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PI	US 2003017998	A1	20030123	US 2002-77596	20020215
				US 1997-46672P	P 19970516
				US 1998-79829	A1 19980515
				US 2000-753313	A2 20001229
				US 2001-276866P	P 20010315
				US 2001-938987	A2 20010824
				US 2001-53625	A2 20011102
				US 2001-338721P	P 20011204
				US 2001-338969P	P 20011210
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	US 2002086067	A1	20020704	US 2000-753313	20001229
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				US 1997-46602P	P 19970515
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	US 2002197692	A1	20021226	US 2001-53625	20011102
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				US 2001-271777P	P 20010227
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				US 2001-338969P	P 20011210
EP	1372682	A2	20040102	EP 2002-721413	20020315

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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

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PATENT FAMILY INFORMATION:

FAN 1998:764281

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9851302	A1	19981119	WO 1998-US10239	19980515
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FAN 2001:507548

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OS MARPAT 138:117664

AB A method of treating an amyloid disease, or a disease characterized by α -synuclein or NAC fibrillogenesis, in a mammalian subject is disclosed. The method includes administering to the mammal a therapeutically effective amount of various disclosed proanthocyanidins or a proanthocyanidin characterized by disclosed general formulas. A pharmaceutical composition comprises a therapeutically effective amount of a proanthocyanidin and a pharmaceutically acceptable excipient. The therapeutic amount of the proanthocyanidin is selected for efficacy in treating amyloid, α -synuclein or NAC fibrillogenesis in a mammalian subject. A method of isolating a proanthocyanidin from plant material involves dissolving the plant material with MeOH or the like, chromatog. on a silica gel column, separation by reversed-phase HPLC, and collecting and freeze drying the proanthocyanidin. Proanthocyanidin compds. were purified from *Uncaria tomentosa* and characterized. The compds. disrupted A β fibrils, α -synuclein/NAC fibrils, and Type 2 diabetes amylin amyloid fibrils.

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

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DN 137:268401

TI Proanthocyanidins for the treatment of amyloid and α -synuclein diseases

IN Snow, Alan D.; Castillo, Geraldo M.; Choi, Paula Y.; Nguyen, Beth P.

PA Proteotech, Inc., USA

SO PCT Int. Appl., 141 pp.

.CODEN: PIXXD2

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PATENT FAMILY INFORMATION:

FAN 1998:764281

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FAN 2001:507548

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FAN 2002:408773

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US 2001-271777P

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US 2001-53625

A3 20011102

OS MARPAT 137:268401

AB A method of treating an amyloid disease, or a disease characterized by α -synuclein or NAC fibrillogenesis, in a mammalian subject is disclosed. The method includes administering to the mammal a therapeutically effective amount of various proanthocyanidins disclosed. A pharmaceutical composition comprises a therapeutically effective amount of a proanthocyanidin and an excipient. The therapeutic amount of the proanthocyanidin is selected for efficacy in treating amyloid, α -synuclein or NAC fibrillogenesis in a mammalian subject. **Procyanidin B2** was isolated from *Uncaria tomentosa*, and characterized by spectroscopic methods and by acetylation.